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Assistant Commissioner for Patents
Washington, D.C. 20231

PATENT
Attorney Docket No.: 2307E-065021US
Client Reference No.: 96-155-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

William J. Welch et al.

Continuation of Application
No.: 09/291,406

Filed: April 13, 1999

For: CORRECTION OF GENETIC
DEFECTS USING CHEMICAL
CHAPERONES

Examiner: L. Leary

Art Unit: 1623

LETTER TO THE OFFICIAL
DRAFTSPERSON



BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

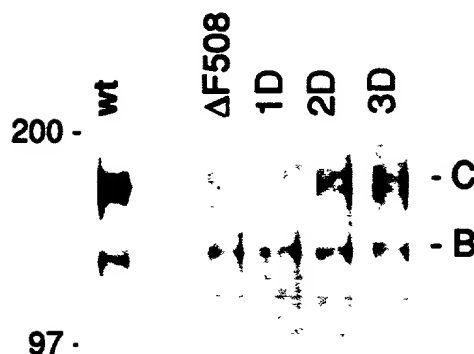
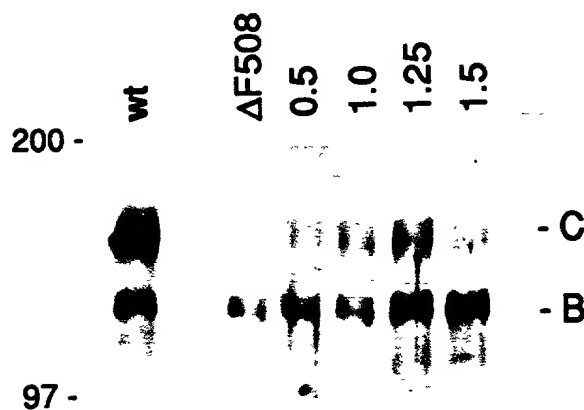
Sir:

Applicants submit 34 formal drawings to be made of record in the above-identified case.

Respectfully submitted,

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Reg. No. 47,932

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SF 1207604 v1



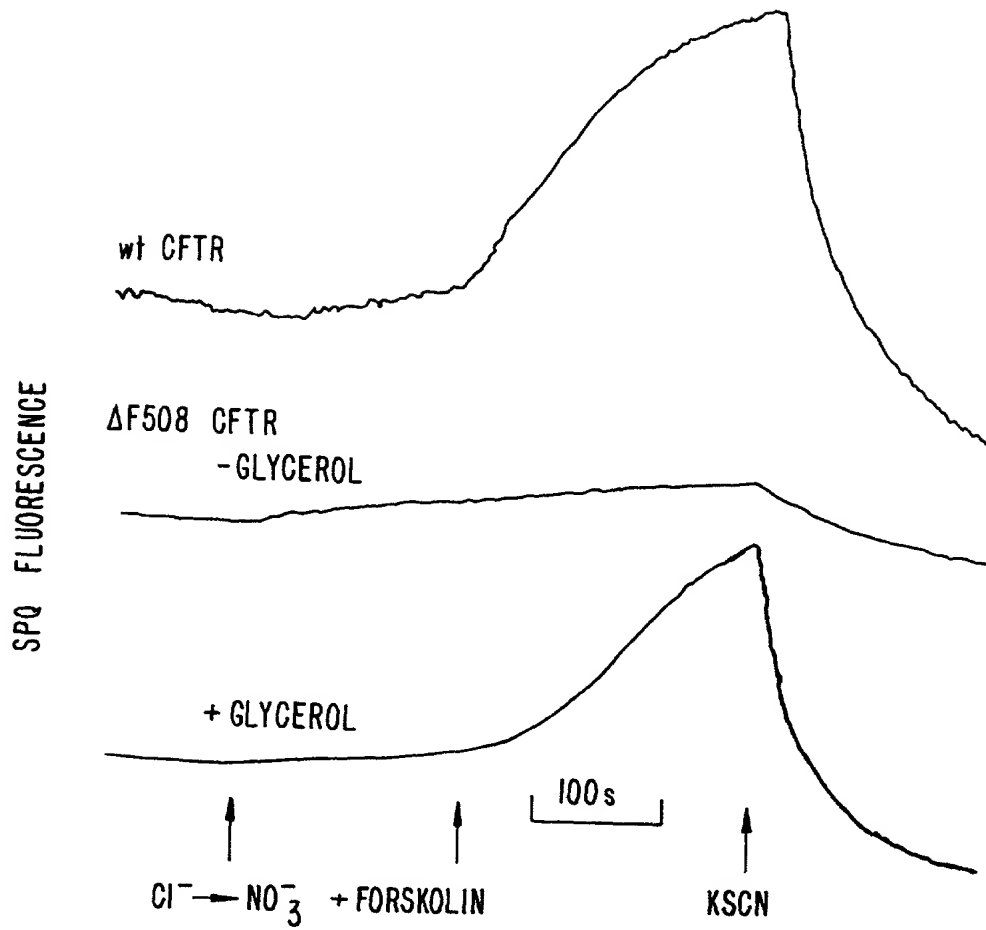


FIG. 3A.

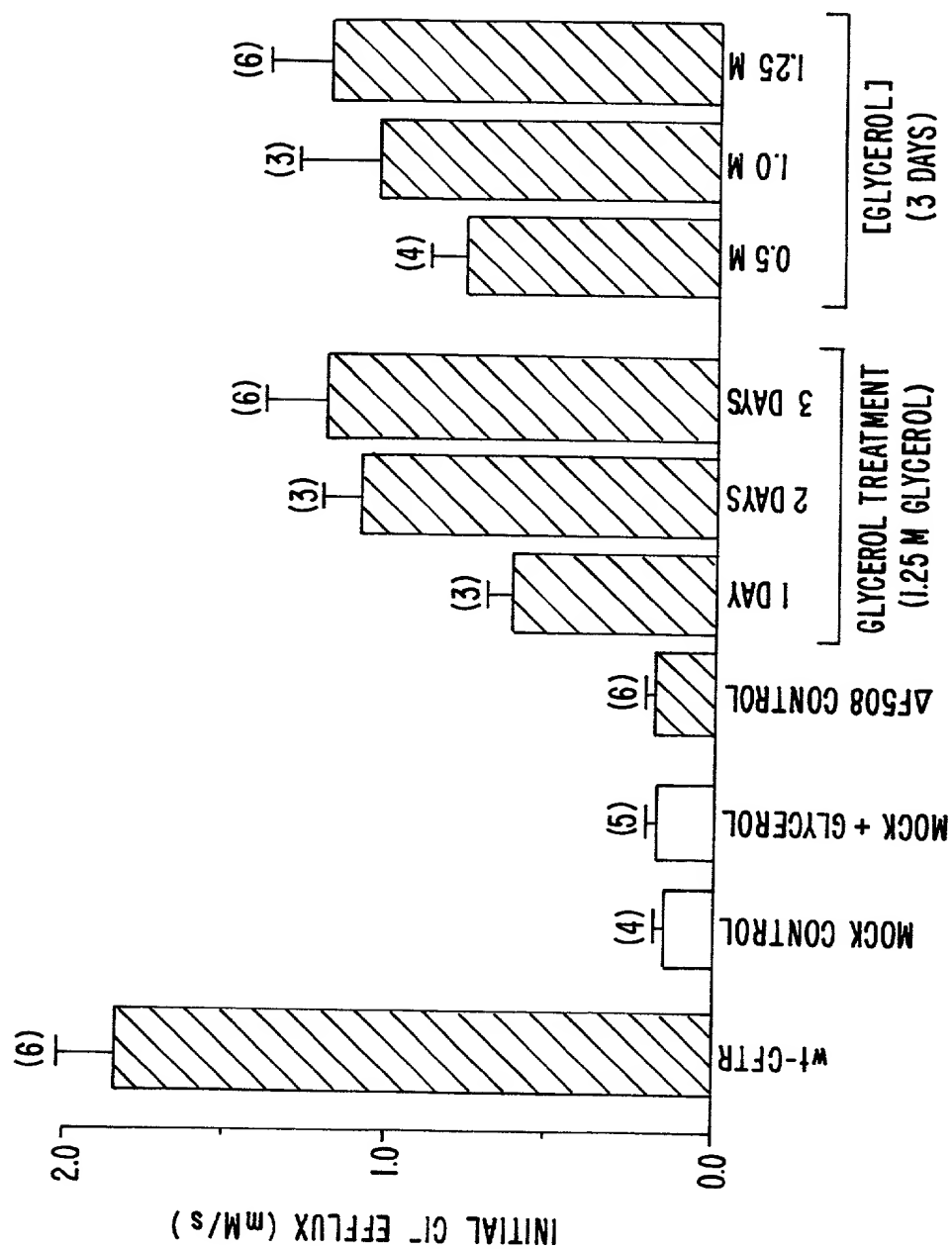


FIG. 3B.

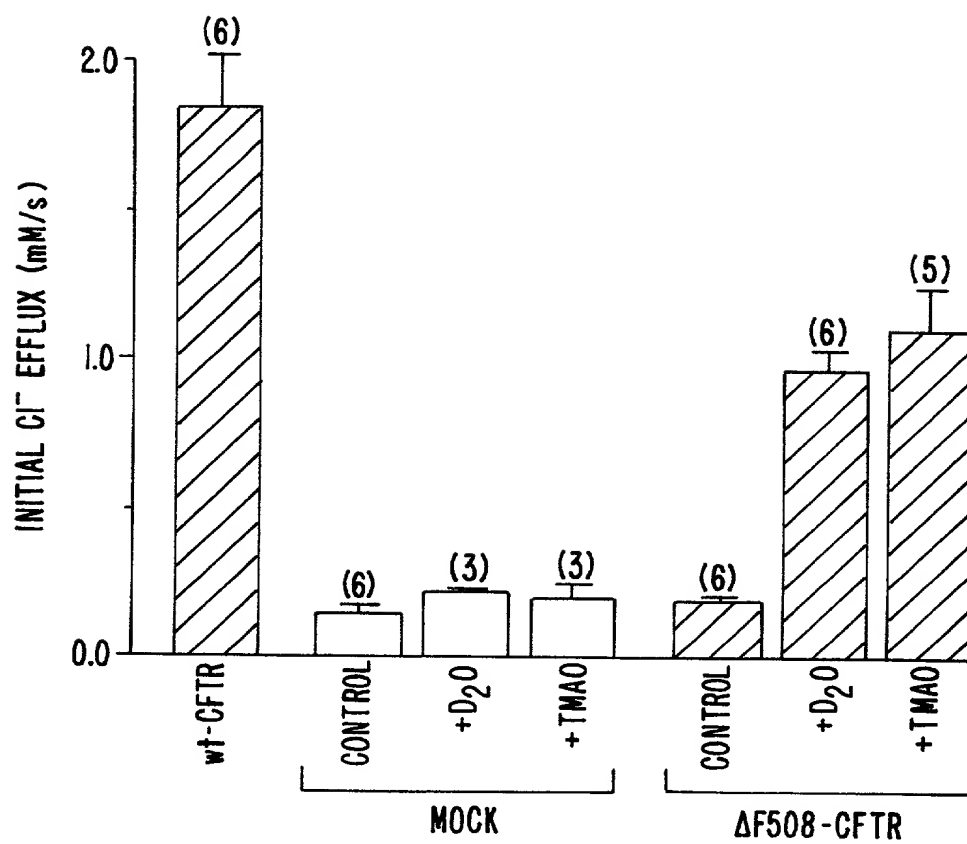
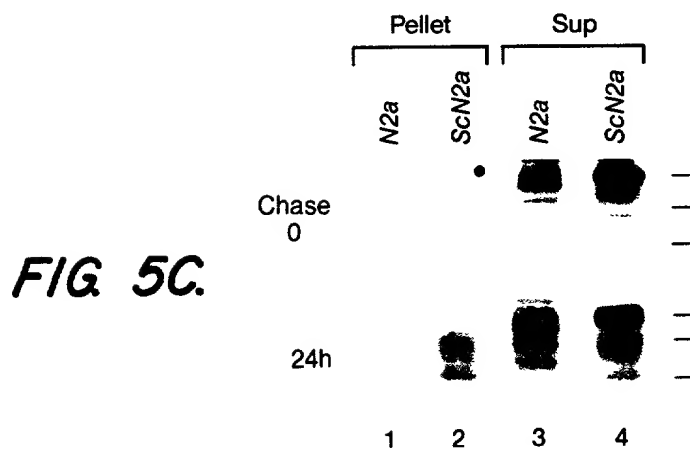
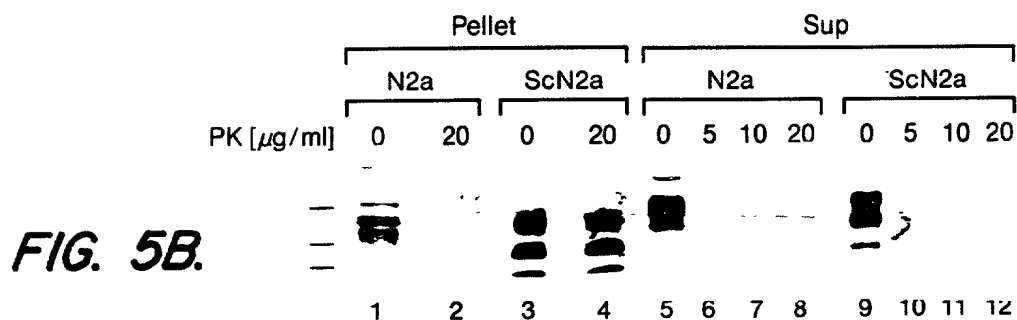
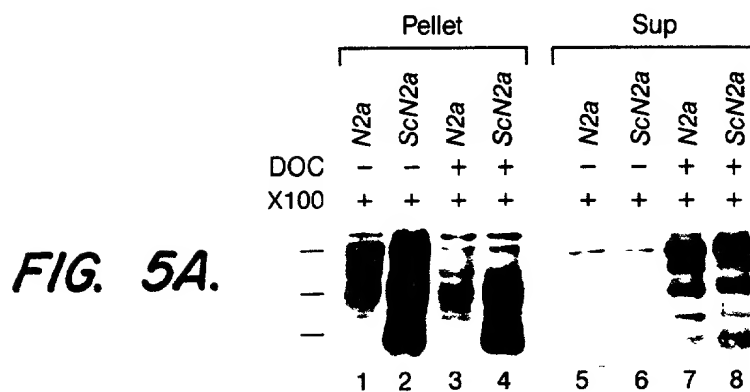


FIG. 4.



CORRECTION OF GENETIC DEFECTS USING CHEMICAL
CHAPERONES

Continuation of Application No. 09/291,406

Filed: April 13, 1999



FIG. 6A.

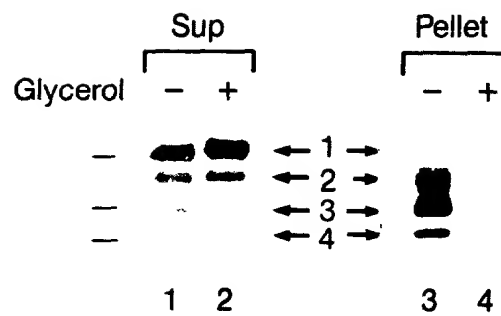


FIG. 6B.

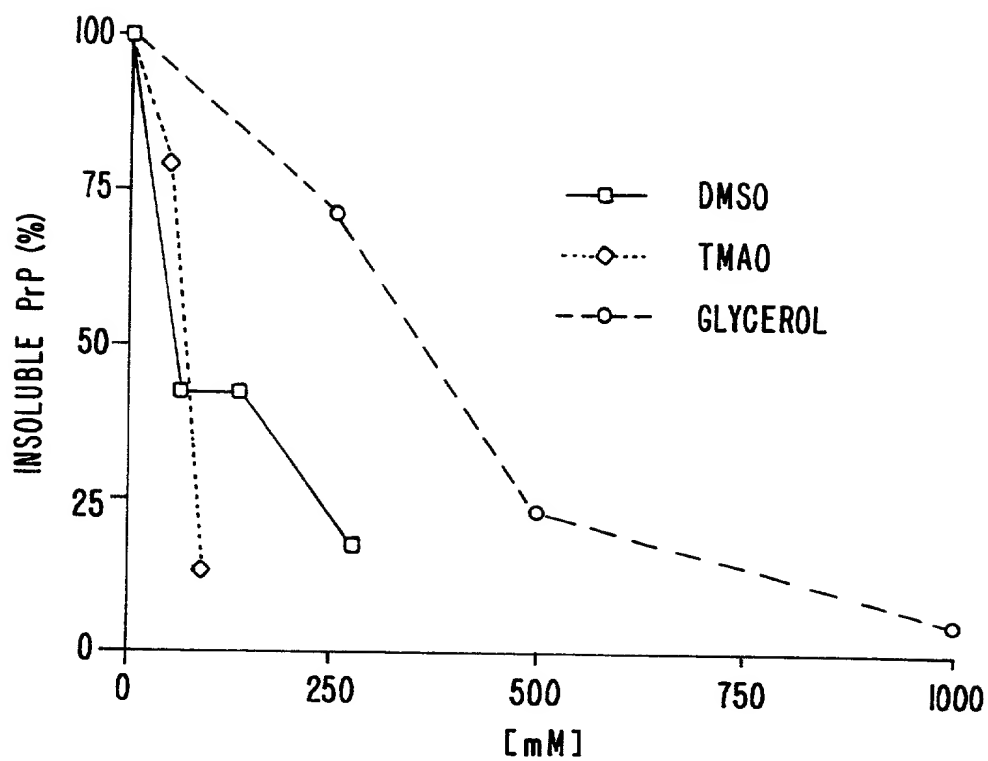


FIG. 7A.

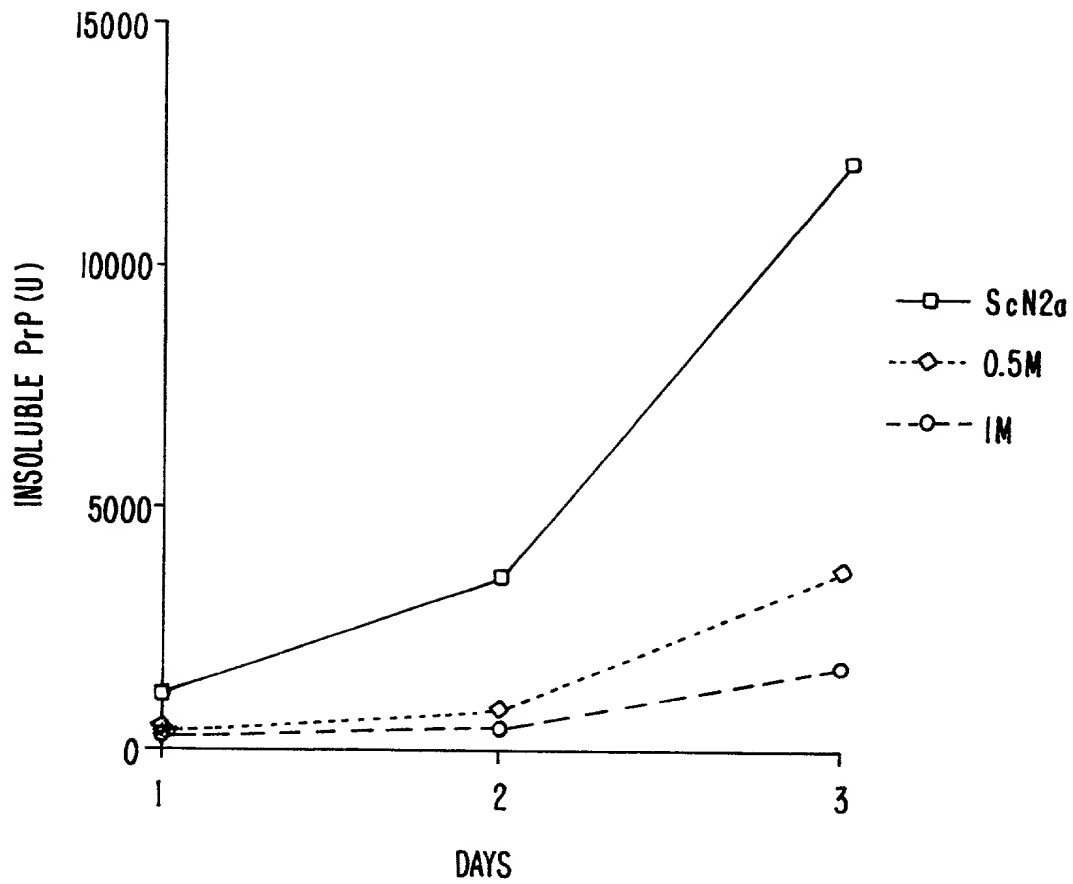


FIG. 7B.



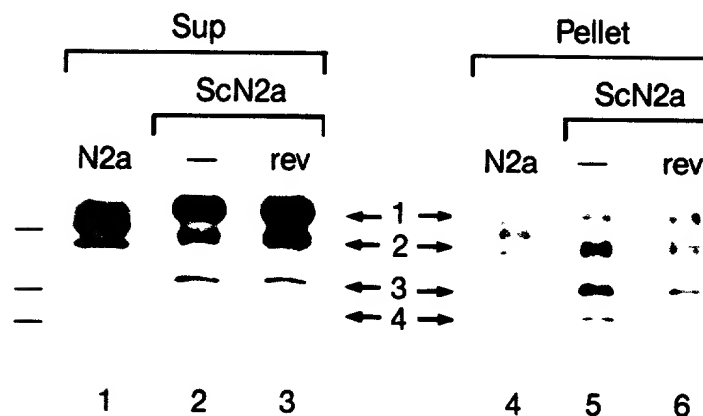


FIG. 9A.

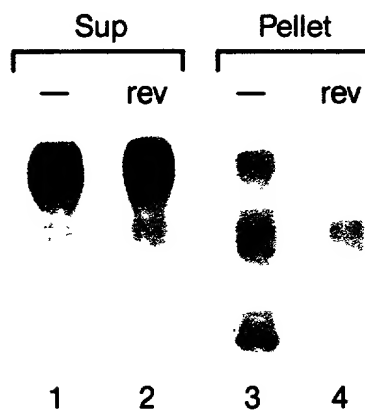


FIG. 9B.

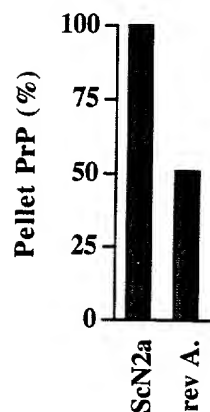


FIG. 9C.

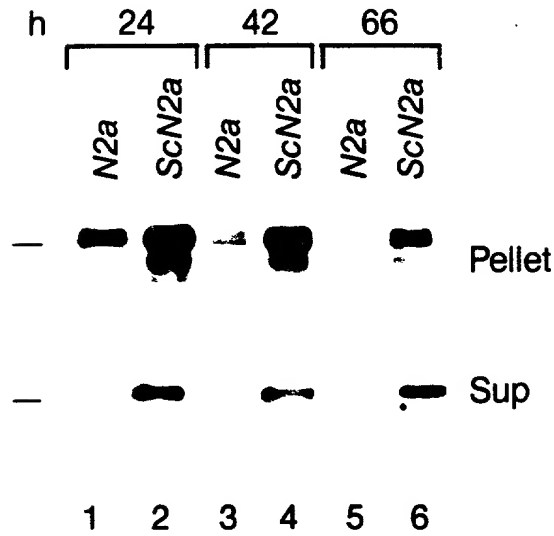


FIG. 10A.

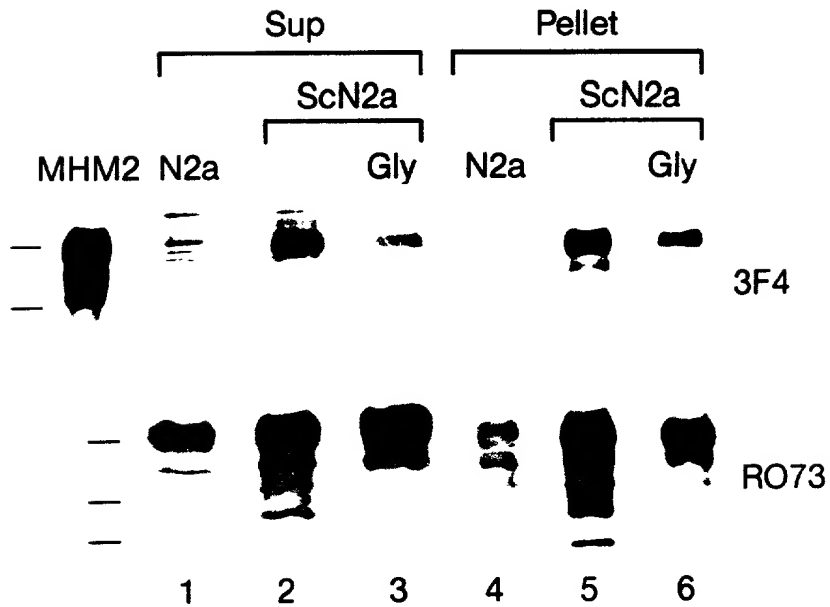


FIG. 10B.

CORRECTION OF GENETIC DEFECTS USING CHEMICAL
CHAPERONES

Continuation of Application No. 09/291,406

Filed: April 13, 1999



FIG. 1IA.



FIG. 1IB.



FIG. 1IC.



FIG. 1ID.

CORRECTION OF GENETIC DEFECTS USING CHEMICAL
CHAPERONES

Continuation of Application No. 09/291,406

Filed: April 13, 1999

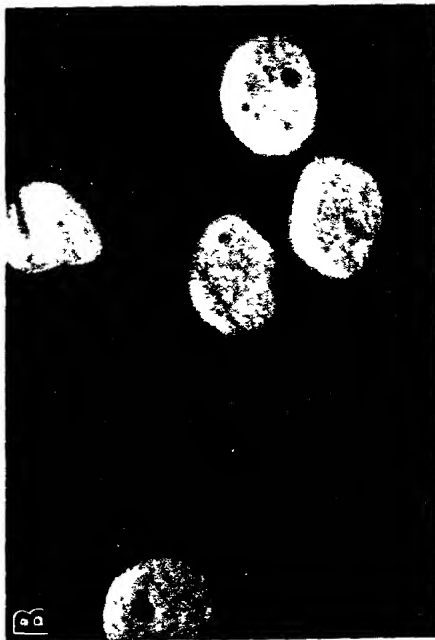


FIG. 12A.



FIG. 12B.

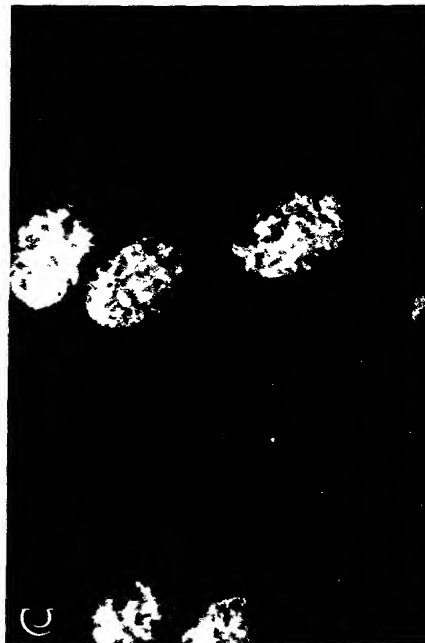


FIG. 12C.



FIG. 12D.

FIG. 12A

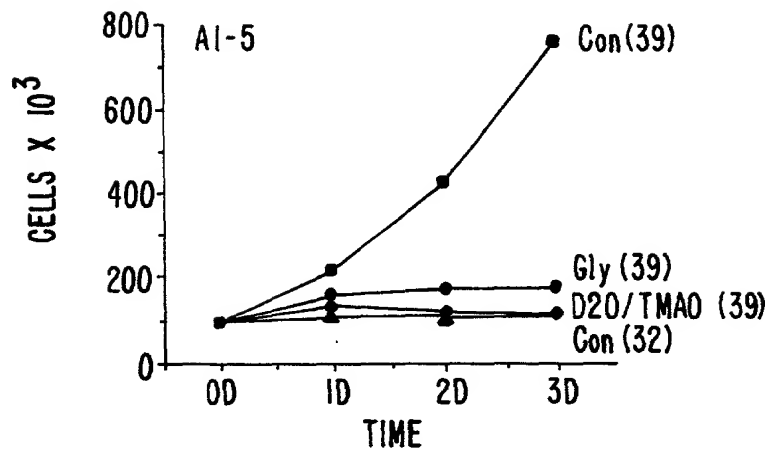


FIG. 13A.

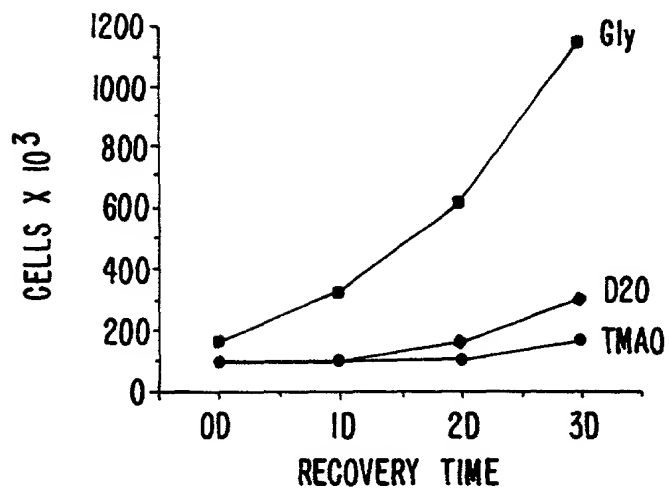


FIG. 13B.

A high-contrast, black and white photograph of a textured surface, possibly a rock or mineral specimen. The image shows dark, irregular shapes against a lighter, grainy background. The lighting is dramatic, creating deep shadows and bright highlights. In the bottom left corner, there is a small, stylized logo or mark.

FIG. 14F.

FIG. 14G



FIG. 14G.



FIG. 14H.



FIG. 14I.

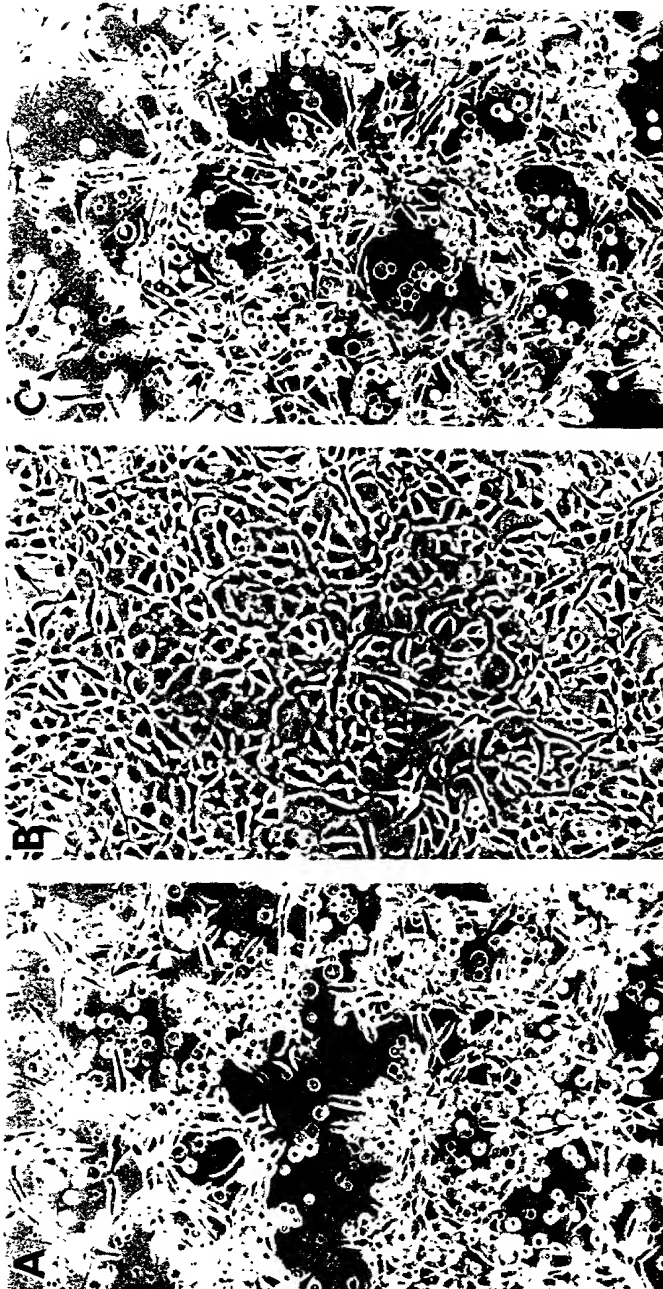


FIG. 15A

FIG. 15B

FIG. 15C

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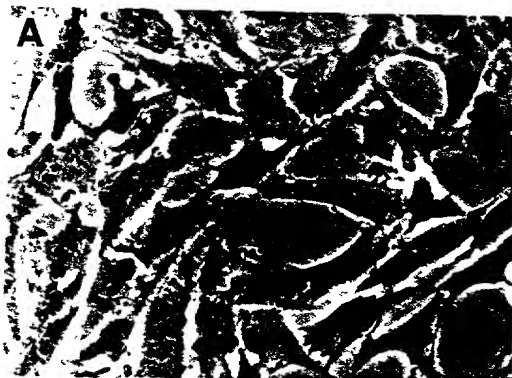


FIG. 16A.

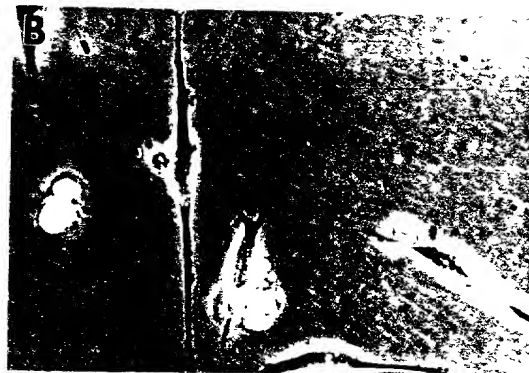


FIG. 16B.



FIG. 16C.



FIG. 16D.

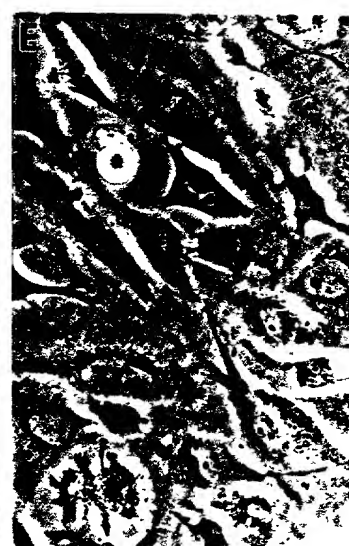


FIG. 16E.

FIG. 16A, FIG. 16B, FIG. 16C, FIG. 16D, FIG. 16E

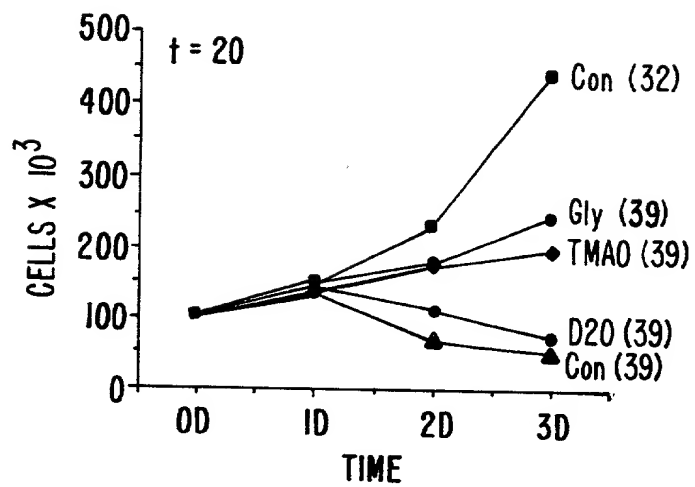


FIG. 17.

CORRECTION OF GENETIC DEFECTS USING CHEMICAL
CHAPERONES

Continuation of Application No. 09/291,406

Filed: April 13, 1999

FILED 4/13/99



FIG. 18D.



FIG. 18C.

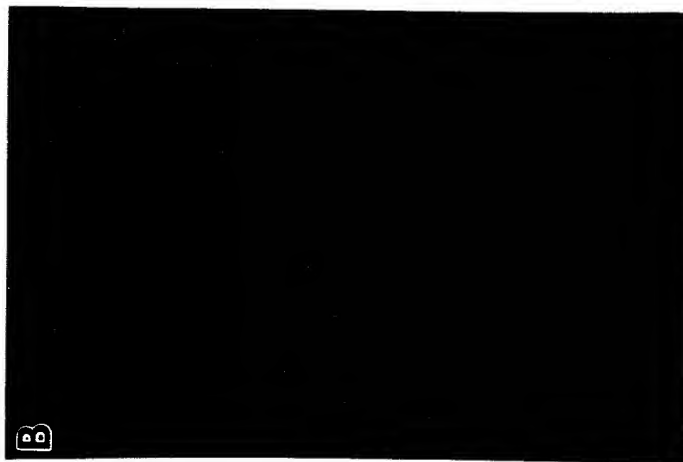


FIG. 18B.

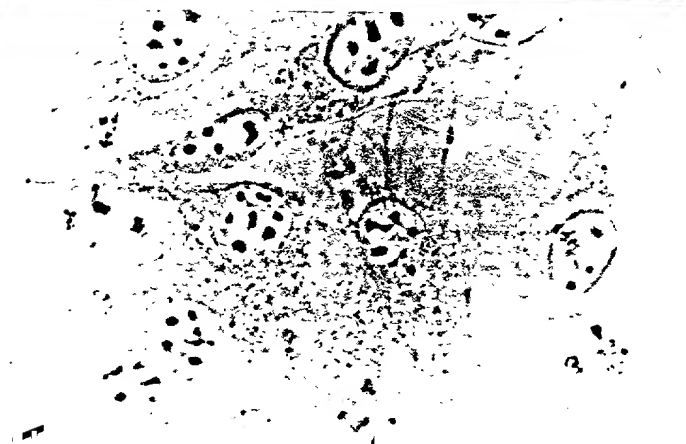
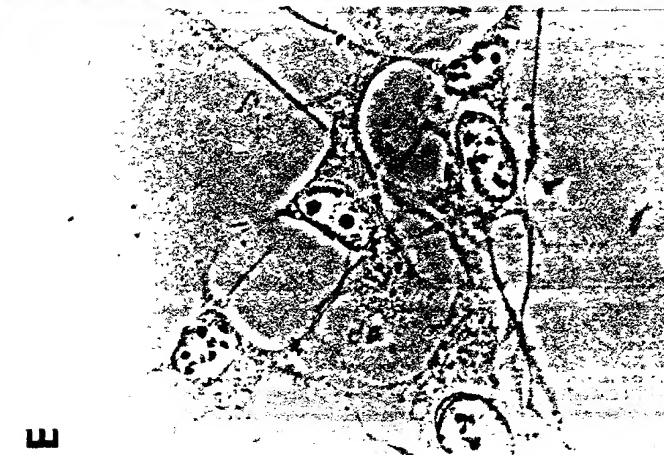


FIG. 18A.

FIG. 18E



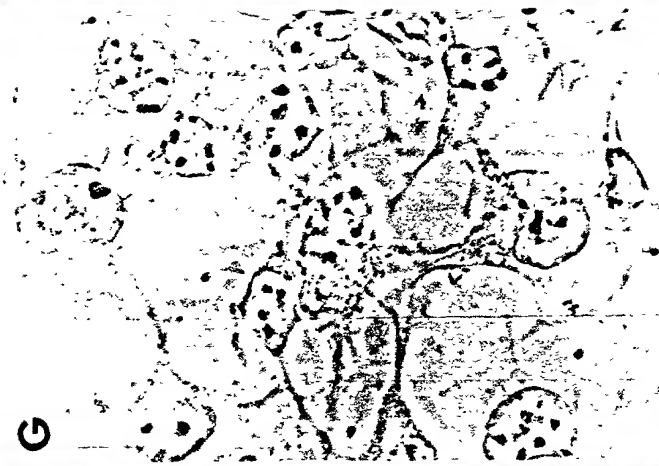
E

FIG. 18E.



F

FIG. 18F.



G

FIG. 18G.

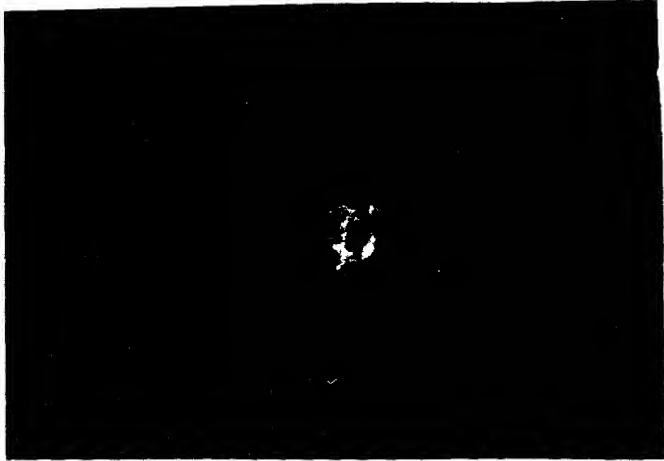


FIG. 18H.

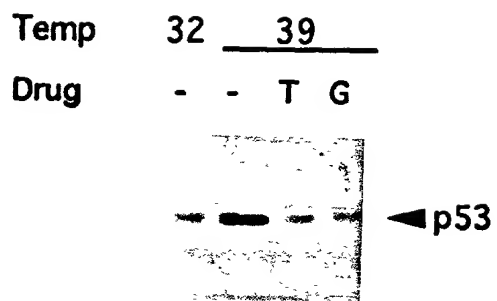


FIG. 19A.

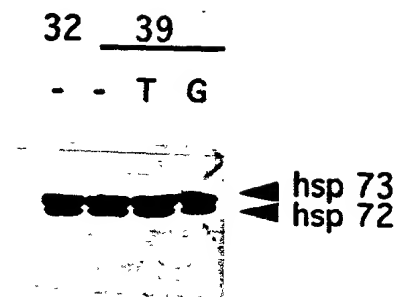


FIG. 19B.



FIG. 20A.

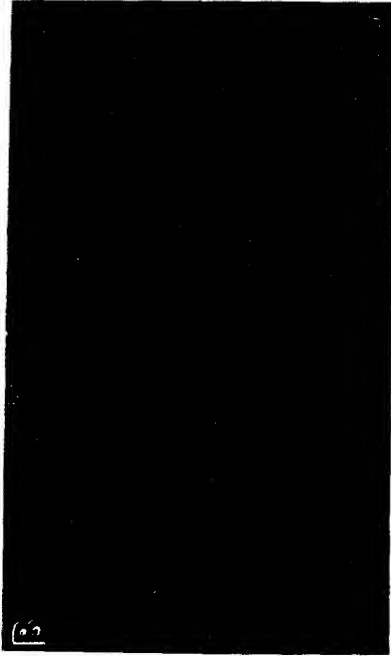


FIG. 20B.

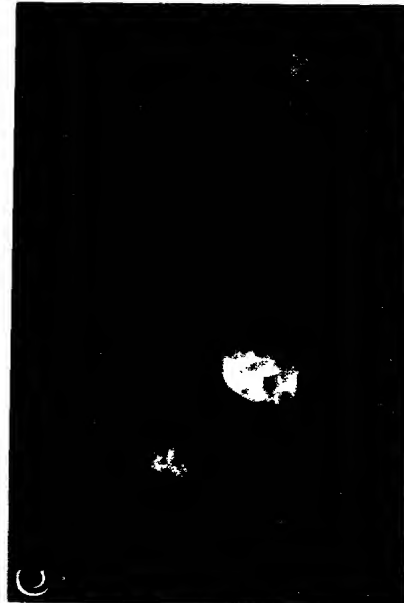


FIG. 20C.

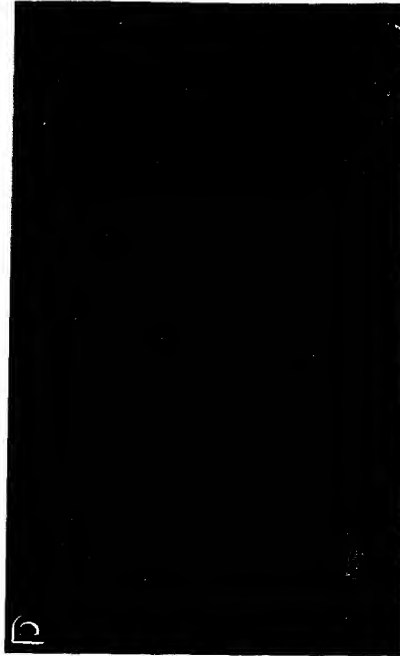


FIG. 20D.

FIG. 21A

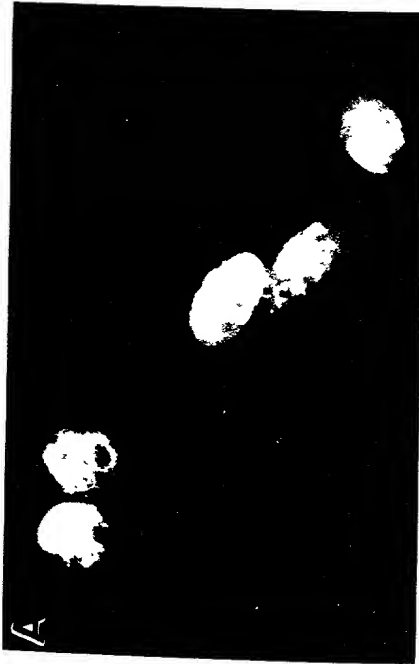


FIG. 21A.



FIG. 21B.



FIG. 21C.

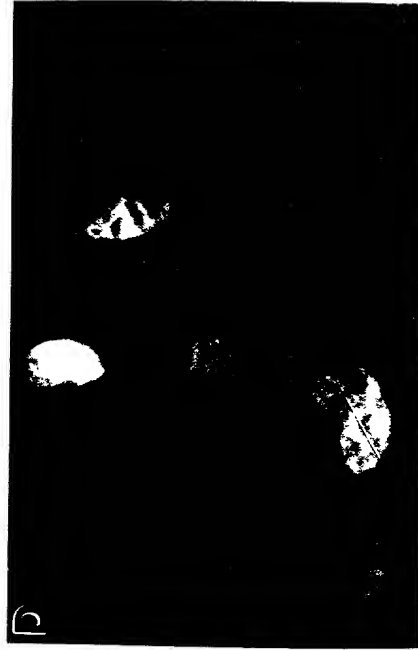
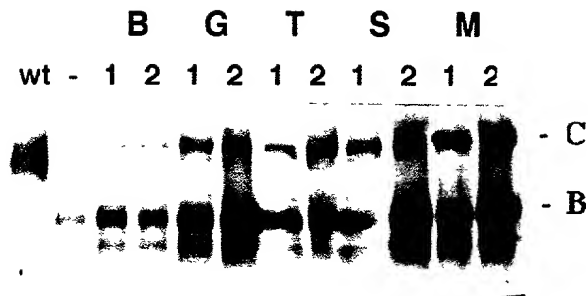


FIG. 21D.

CORRECTION OF GENETIC DEFECTS USING CHEMICAL
CHAPERONES

Continuation of Application No. 09/291,406
Filed: April 13, 1999



B = betaine G = glucose T = taurine

S = sorbitol M = myo-inositol

FIGURE 22A

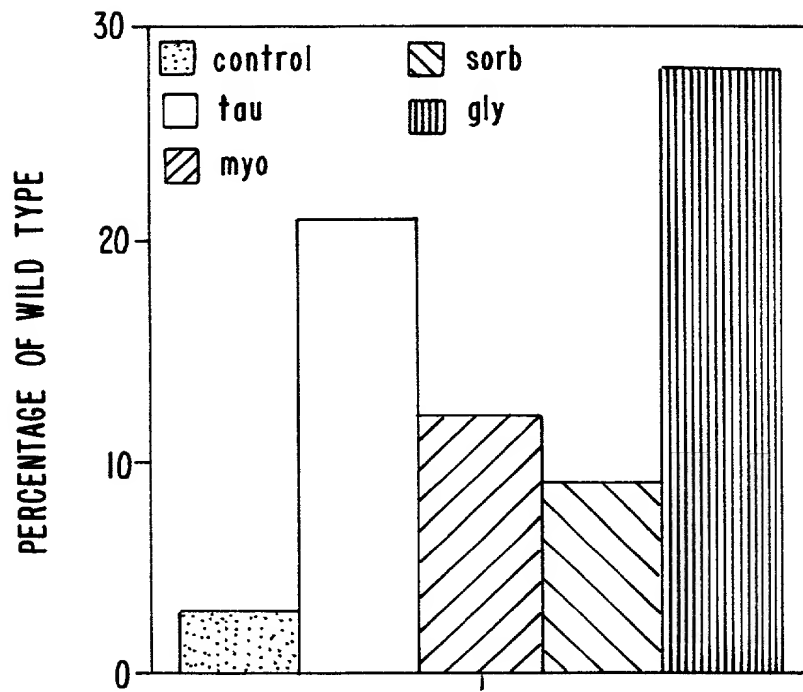


FIG. 22B.

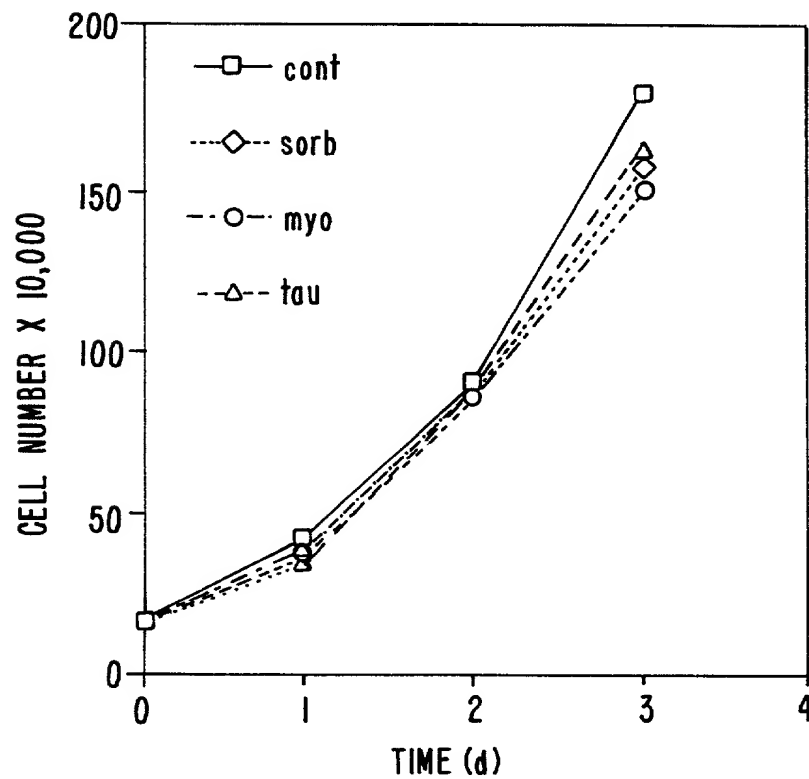
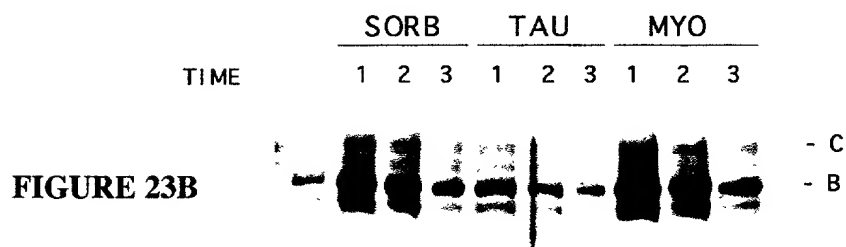
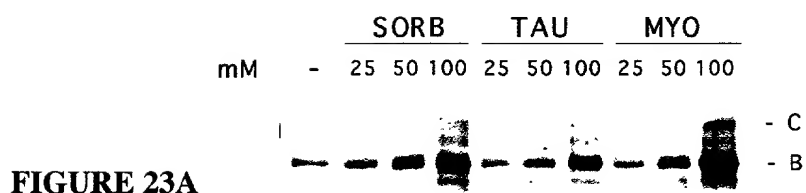


FIG. 22C.

CORRECTION OF GENETIC DEFECTS USING CHEMICAL
CHAPERONES

Continuation of Application No. 09/291,406

Filed: April 13, 1999



Continuation of Application No. 09/291,406
Filed: April 13, 1999

Continuation of Application No. 09/291,406
Filed: April 13, 1999

SORB			TAU			MYO			
-	1	R 1	1	R 1	1	R 1	1		
								- C - B	

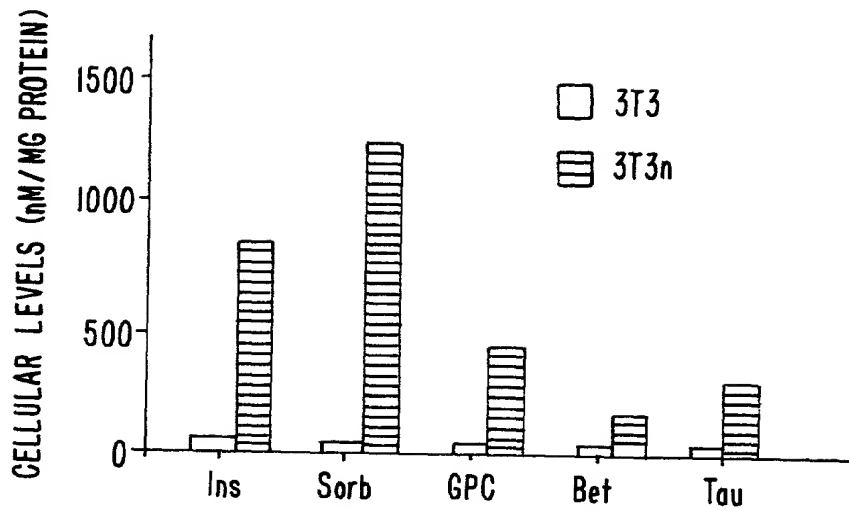
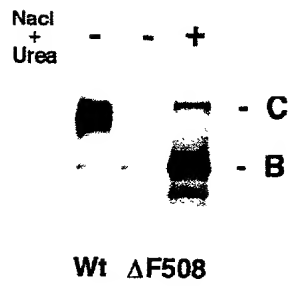


FIG. 25.

Continuation of Application No. 09/291,406
Filed: April 13, 1999

Continuation of Application No. 09/291,406
Filed: April 13, 1999

FIGURE 26A



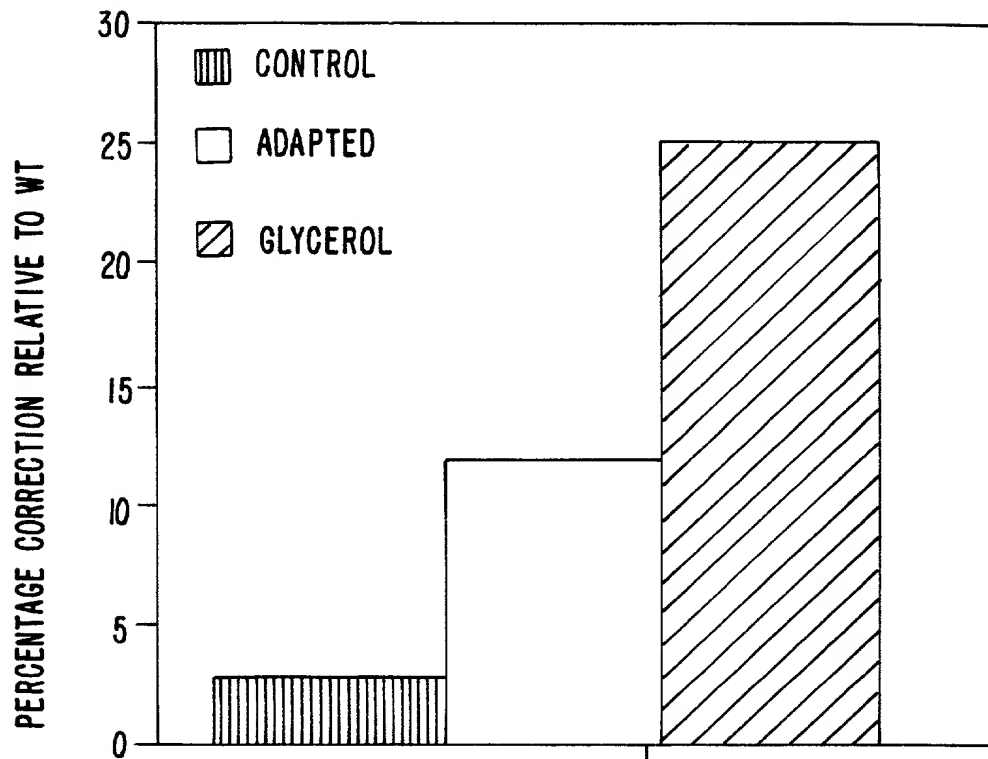


FIG. 26B.

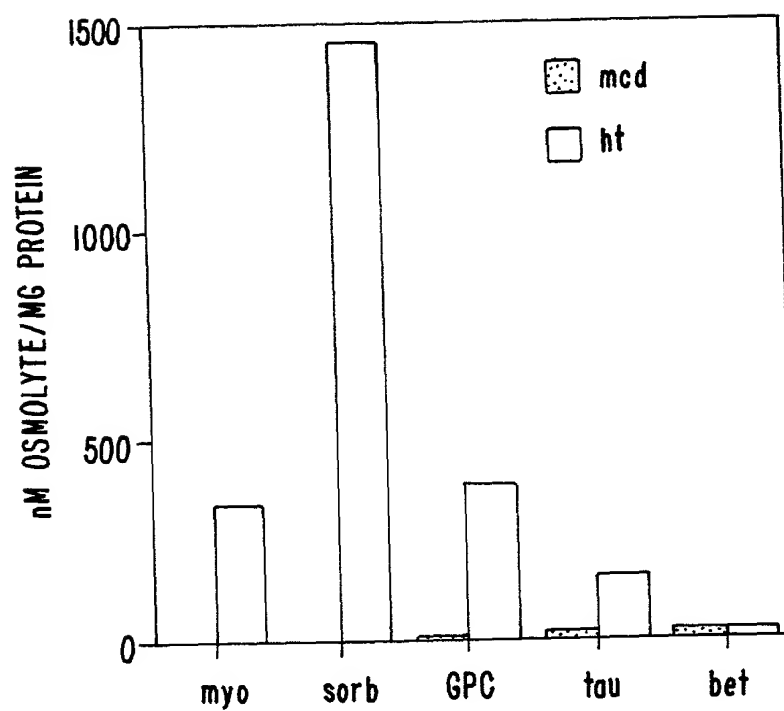


FIG. 27A.

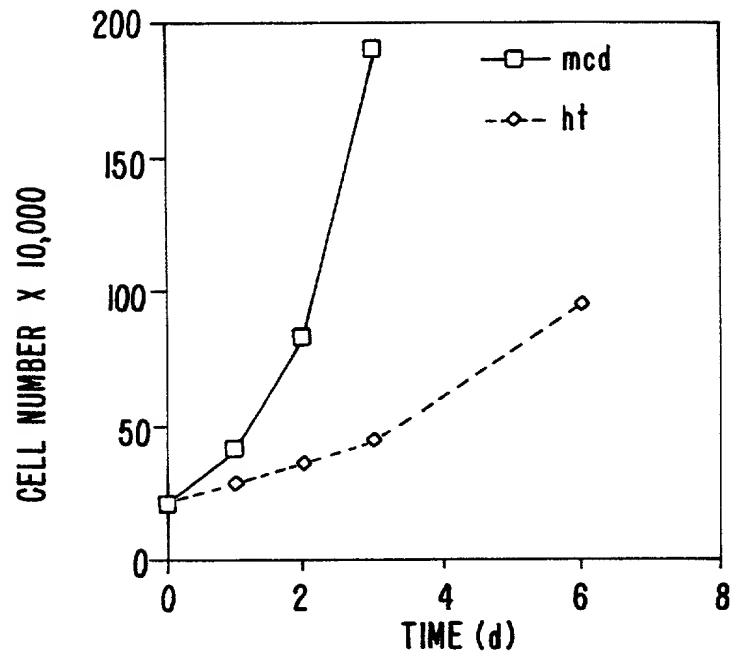


FIG. 27B.

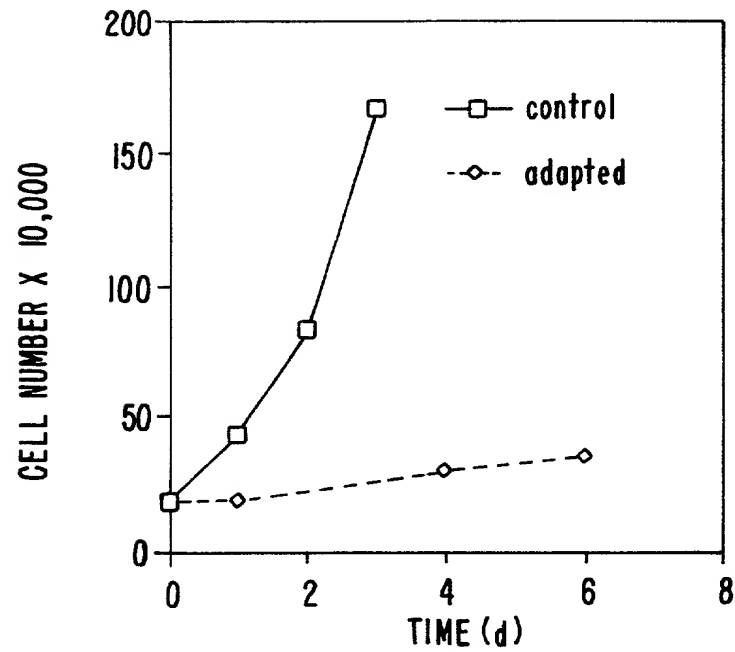


FIG. 27C.

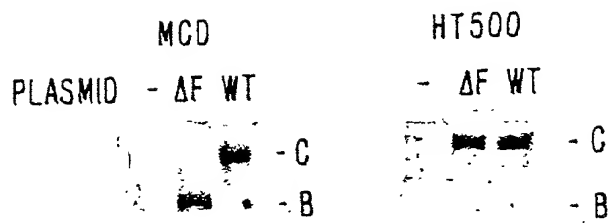


FIG. 28A.

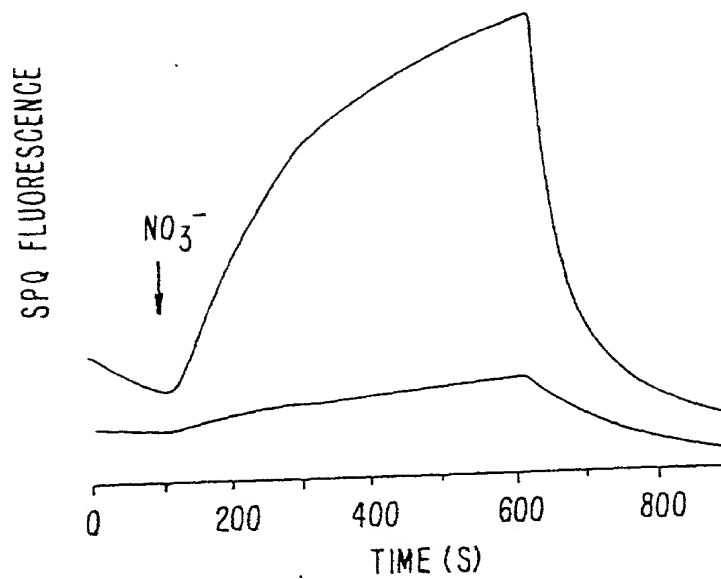


FIG. 28B.